Section A
Executive Summary

INTRODUCTION

This section provides an executive level summary of the performance information covered in this report and is intended to bring to Management's attention that information considered to be most noteworthy. All cost, schedule, milestone commitments, performance measures, and safety data is current as of February 28, 2001. Accomplishments, Issues and Integration items are current as of March 26, 2001 unless otherwise noted.

The section begins with a description of notable accomplishments that have occurred since the last monthly report and are considered to have made the greatest contribution toward safe, timely, and cost-effective clean up. Following the accomplishment section is an overall fiscal year-to-date summary analysis addressing cost, schedule, funds management and milestone performance. Overviews of safety ensue. The next segment of the Executive Summary, entitled Breakthroughs and Opportunities for Improvement represents potential significant improvements over the established baseline. The Critical Issues section is designed to identify the high-level challenges to achieving cleanup progress.

The next section includes FY 2001 EM Management Commitment Milestones and Critical Few Performance Incentives.

The Key Integration Activities section follows next, highlighting PHMC activities that cross contractor boundaries and demonstrate the shared value of partnering with other Site entities to accomplish the work. Concluding the Executive Summary, a forward-looking synopsis of Upcoming Planned Key Events is provided.

Note: Milestones tracked and reported in this report consist of two Department of Energy levels. In descending order these levels are 1) Department of Energy-Headquarters (HQ), and 2) Richland Operations (RL). Because it is also useful to distinguish milestones based on specific drivers, the Site applies a designation for those milestones created or tracked to meet the requirements of Enforceable Agreements (EAs). When a milestone satisfies both an EA requirement and a milestone level, it is categorized as both. However, in order to avoid duplicate reporting, this report accounts for each milestone only once. Where an overlap exists between EA and a level (i.e., HQ or RL), the milestone is reported as EA. Additionally, Tri-Party Agreement (TPA) Major and Interim milestones are EA milestones. TPA milestones that are not enforceable are called Target milestones and are included in the TPA/EA milestone tables found in the applicable Project Sections.

NOTABLE ACCOMPLISHMENTS

Mixed Low Level Waste (MLLW) Treatment/Disposal — Since the last report, 105 cubic meters (m^3) of MLLW debris and 15 m^3 of thermally treatable waste were shipped to ATG, Inc. for treatment.

Liquid Waste Processing — The 242-A Evaporator Campaign 2001-01 began on Tuesday, March 13, 2001. The evaporator was started on schedule despite a number of challenges. The campaign was completed on Thursday, March 29, 2001, including completion of the flush and facility layup. Completing this campaign is crucial in that it allows CH2M HILL Hanford Group (CHG) to move forward more rapidly with this year's construction efforts in the tank farms.

Accelerate Readiness to Receive Spent Nuclear Fuel K Basin Sludge — Three deck sections were cleared at T Plant and significant progress made on additional deck sections.

Nuclear Material Stabilization - Residues — Packaging of Rocky Flats (RF) ash into Pipe Overpack Containers (POCs) was completed on March 14, 2001. Final shipment of the packaged ash to the Central Waste Complex (CWC) is currently scheduled for April 3, 2001, well in advance of the April 30, 2001 TPA milestone (M-083-07) date.

B Cell Cleanout Continues — The tenth and final Steel Waste Disposal Box (SWDB) of dispersible mixed waste was shipped to the Central Waste Complex (CWC) on March 22, 2001, eight days ahead of schedule. Removal of dispersible mixed waste and processing equipment from B Cell is now complete.

Uranium Billet Boxes Shipped — The Accelerated Deactivation Project has successfully completed shipment of over 200 Billet boxes of excess uranium (about 50 percent of the total), to the DOE Portsmouth Site in Ohio.

Fuel Movement Activities Continue — Six Multi-Canister Overpacks (MCOs) - 127 canisters - have been removed from K West (KW). The seventh MCO will be shipped before the planned April 1, 2001 maintenance outage. In addition, KW has commenced removal of discarded canister tops from the basin to disposal.

K East Basin Activities Progressing — The design for the canister cleaning system was completed and the contract for the fabrication awarded. Construction work continued in the K East (KE) Basin; activities included demolition and verification work in support of the Fuel Retrieval System and Cask Loadout System.

PERFORMANCE DATA AND ANALYSIS

The following provides a brief synopsis of overall PHMC Environmental Management (EM) cost, schedule, and milestone performance.

FY 2001 Schedule and Cost Performance

Schedule Performance — There is a FY 2001 year-to-date 6.7 percent ($14.0 million) unfavorable schedule variance that is within the established 10 percent threshold. Projects outside the threshold are River Corridor, Advanced Reactors Transition, Technology Development, and Landlord. Detailed variance analysis explanations can be found in the Project Sections.

Cost Performance — FY 2001 year-to-date cost performance reflects an 7.1 percent ($13.8 million) unfavorable cost variance that is within the established 10 percent threshold. Projects outside the threshold are Spent Nuclear Fuel, Advanced Reactors Transition, and Mission Support. Detailed variance analysis explanations can be found in the Project Sections.

Estimate at Completion (EAC) — Because the EACs portrayed on the following table are the updated estimate for authorized work, they may differ from the Performance Execution Module (PEM) column. Additionally, approved changes to the baseline are reflected in EACs but may not yet be included in the PEM database due to timing issues.

BASELINE PERFORMANCE STATUS
FY 2001 COST / SCHEDULE PERFORMANCE – ALL FUND TYPES
CUMULATIVE TO DATE STATUS ($M)

DATA THROUGH FEBRUARY 2001

		Current Fiscal Year Performance ($ x Million)					PEM	EAC
		FYTD			Schedule	Cost		
		BCWS	BCWP	ACWP	Variance	Variance		
The Plateau								
1.2	**Waste Management** TP02,WM03-05	39.2	39.9	37.4	0.8	2.6	102.9	101.8
1.2.4	**Analytical Svcs (222-S,HASP,WSCF)** WM06	12.9	12.6	12.2	(0.4)	0.4	32.3	32.1
1.4.5	**Nuclear Materials Stabilization** TP05	44.4	41.0	42.0	(3.4)	(1.0)	109.5	105.1
	Subtotal The Plateau	**96.6**	**93.5**	**91.6**	**(3.0)**	**1.9**	**244.8**	**239.0**
The River								
1.4	**River Corridor** TP01,TP04,TP08,TP10,TP12,TP14	19.7	17.5	17.4	(2.2)	0.1	50.8	51.7
1.3	**Spent Nuclear Fuel** WM01	61.3	55.6	70.9	(5.7)	(15.3)	191.7	187.9
1.12	**Advanced Reactors (EM)**	0.7	0.5	0.4	(0.1)	0.2	1.9	1.9
	Technology Development (EM-50)	9.2	7.5	7.3	(1.7)	0.2	21.5	21.5
	Subtotal The River	**90.9**	**81.2**	**96.0**	**(9.7)**	**(14.8)**	**265.9**	**263.0**
The Future								
1.9	**HAMMER** HM01	2.3	2.3	2.1	(0.1)	0.2	6.3	6.3
	Subtotal The Future	**2.3**	**2.3**	**2.1**	**(0.1)**	**0.2**	**6.3**	**6.3**
Multiple Outcomes								
1.5	**Landlord** TP13	8.4	7.2	7.3	(1.2)	(0.1)	25.9	25.0
1.8	**Mission Support** OT01	9.3	9.2	10.2	(0.1)	(1.0)	23.9	23.9
1.11 & WM07	**National Programs** OT02, WM07	1.6	1.6	1.5	(0.0)	0.1	4.8	5.0
	Subtotal Multiple Outcomes	**19.3**	**18.0**	**19.1**	**(1.3)**	**(1.1)**	**54.7**	**53.9**
	Total PHMC Projects	**209.0**	**195.0**	**208.8**	**(14.0)**	**(13.8)**	**571.7**	**562.2**

Notes: Column headings [Budgeted Cost of Work Scheduled (BCWS), Budgeted Cost of Work Performed (BCWP), etc.] are defined in the glossary at the end of the report. Calculations are based on Project Baseline Summary detail. Waste Management, Analytical Services, River Corridor, and Nuclear Materials Stabilization have included RL-Directed costs (e.g. steam and laundry) in the Project Execution Module (PEM) BCWS. Technology Development does not include ORP/RPP TTPs currently reported in the RL Dataset in PEM.

FUNDS MANAGEMENT
FUNDS VS. SPENDING FORECAST ($000)
(FLUOR HANFORD, INC. ONLY)

This chart reflects FH Project structure, which divides PBS WM05 between projects. This breakout is necessary to provide FH project managers with information specific to their areas of responsibility and accountability and to facilitate effective management of the funds within their control (obligated to the PHMC). Consequently, these figures will differ from those shown elsewhere in this report (as generated in the PEM system).

For purposes of funds management, the "Other" category includes all funding sources not suitable for redistribution within the Project Completion and Post 2006 control points.

The Fiscal Year Spending Forecast for the Project Completion Control Point is projecting a slight overrun; however, a review of indirect programs coupled with workforce restructuring is anticipated to generate savings to more than offset the current projected overruns.

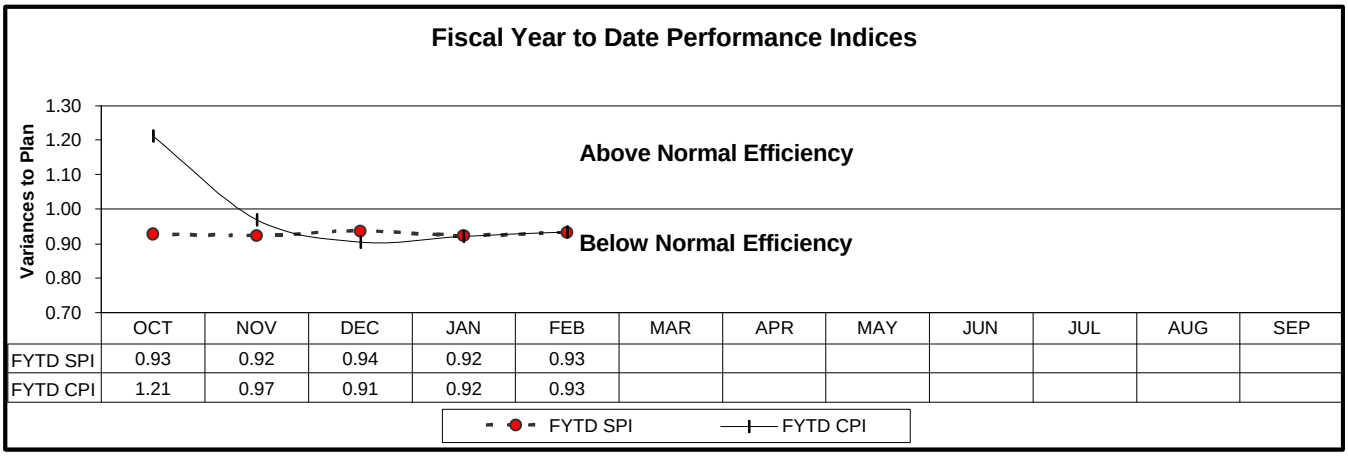
Data Through February 2001

	Project Completion *			Post 2006 *			Line Items/Other *		
	Funds	FYSF	Variance	Funds	FYSF	Variance	Funds	FYSF	Variance
The Plateau									
1.2 **Waste Management** TP02,WM03-05				99,757	96,117	3,640			
1.2.4 **Analytical Svcs (222-S,HASP,WSCF)** WM06				31,043	31,514	(471)			
1.4.5 **Nuclear Materials Stabilization** TP05 Line Item	90,383	95,918	(5,535)				12,140	12,140	0
Subtotal The Plateau Operating	**$ 90,383**	**$ 95,918**	**$ (5,535)**	**$ 130,800**	**$ 127,631**	**$ 3,169**			
Subtotal The Plateau Line Item							**$ 12,140**	**$ 12,140**	**0**
The River									
1.4 **River Corridor** TP01,TP04,TP08,TP10,TP12,TP14,WM05 Line Item	49,789	50,210	(421)	5,637	5,438	199			
1.3 **Spent Nuclear Fuel** WM01 Line Item	188,071	187,860	211				16	16	0
1.12 **Advanced Reactors (EM)**				3,485	3,485	0			
Subtotal The River Operating	**$ 237,860**	**$ 238,070**	**$ (210)**	**$ 9,122**	**$ 8,923**	**$ 199**			
Subtotal The River Line Item							**$ 16**	**$ 16**	**0**
The Future									
1.9 **HAMMER** HM01				6,335	6,315	20			
Subtotal The Future				**$ 6,335**	**$ 6,315**	20			
Multiple Outcomes									
1.5 **Landlord** TP13				22,317	22,586	(269)			
1.8 **Mission Support** OT01				17,692	17,080	612			
Subtotal Multiple Outcomes Operating				**$ 40,009**	**$ 39,666**	**$ 343**			
Subtotal Multiple Outcomes Line Item									
Total PHMC Proj Operating	**$ 328,243**	**$ 333,988**	**$ (5,745)**	**$ 186,266**	**$ 182,535**	**$ 3,731**			
Total PHMC Line Items/Other							**$ 12,156**	**$ 12,156**	**0**

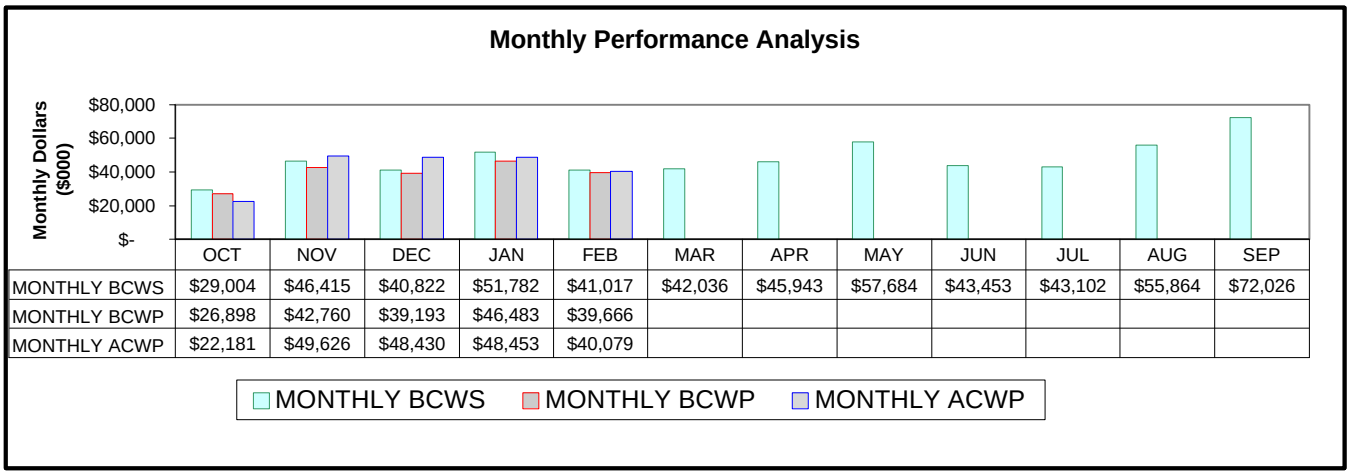
*** Control Point**

The following charts provide an overall graphical view of cost and schedule performance.

FY 2001 Schedule / Cost Performance



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
FYTD SPI	0.93	0.92	0.94	0.92	0.93							
FYTD CPI	1.21	0.97	0.91	0.92	0.93							



	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
MONTHLY BCWS	$29,004	$46,415	$40,822	$51,782	$41,017	$42,036	$45,943	$57,684	$43,453	$43,102	$55,864	$72,026
MONTHLY BCWP	$26,898	$42,760	$39,193	$46,483	$39,666							
MONTHLY ACWP	$22,181	$49,626	$48,430	$48,453	$40,079							

Milestone Performance

Milestones represent significant events in project execution. They are established to provide a higher level of visibility to critical deliverables and to provide specific status about the accomplishment of these key events. Because of the relative importance of milestones, the ability to track and assess milestone performance provides an effective tool for managing the PHMC EM cleanup mission.

FYTD milestone performance (Enforceable Agreement [EA], U.S. Department of Energy- Headquarters [DOE-HQ], and RL) shows that fifteen milestones were completed on or ahead of schedule, five milestones were completed late, and two milestones are overdue. The two overdue milestones are associated with two projects: River Corridor (Section C: 2) and Spent Nuclear Fuel (Section D).

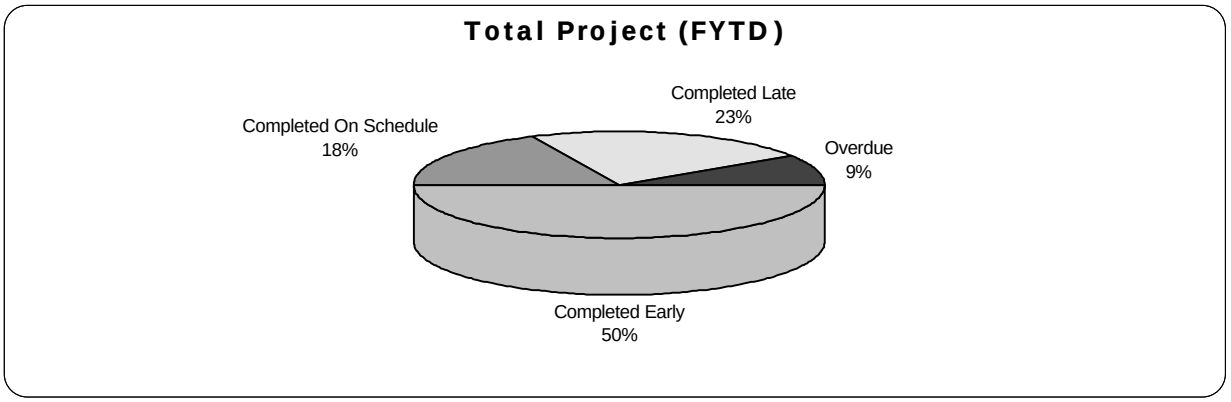
In addition to the FY2001 milestones described above, there is one overdue milestone [Waste Management (Section B: 1)] from FY1999 and one [River Corridor (Section C: 2)] from FY2000. Further details regarding these milestones may be found in the referenced Project Sections.

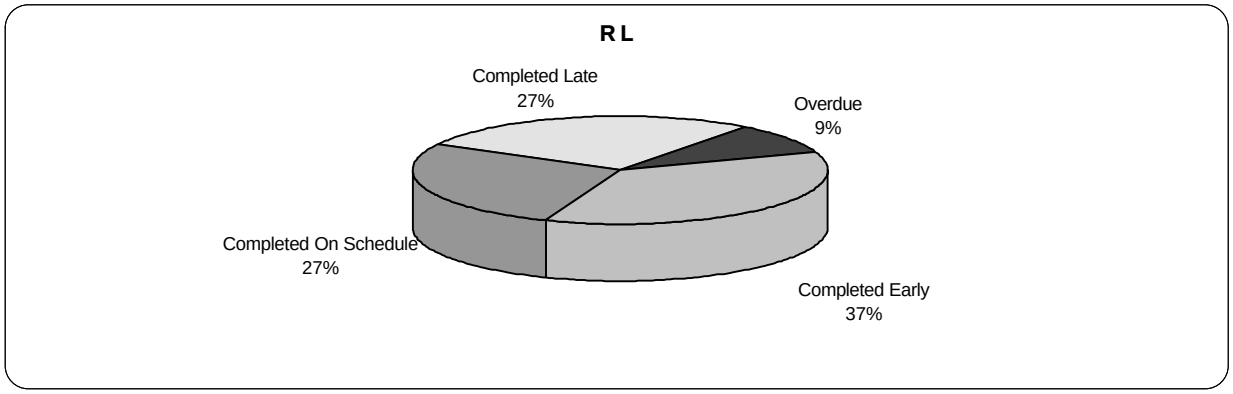
FY 2001 information is depicted graphically on the following page. For additional details related to the data and prior year milestones, refer to the relevant project section titled "Milestone Exception Report."

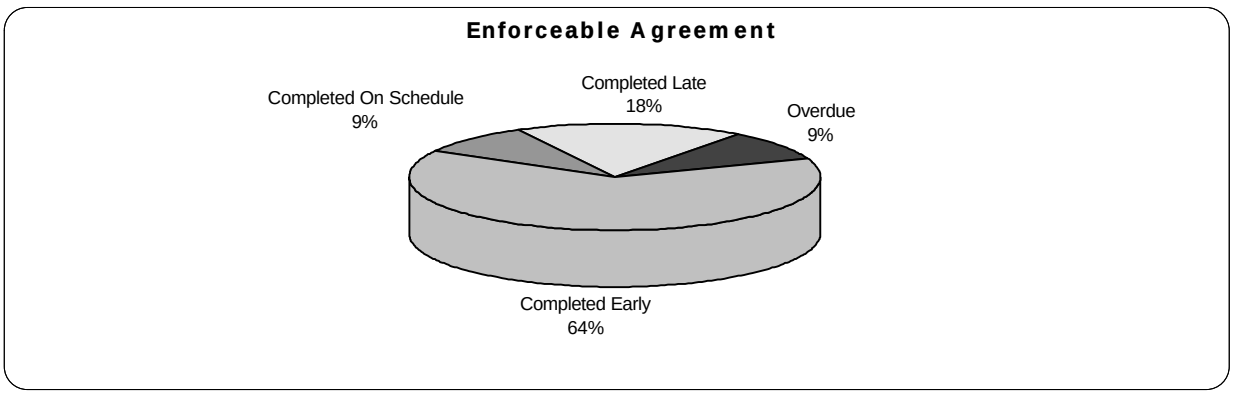
FY 2001 information reflects the Phase 1 MultiYear Work Plans (MYWPs). Changes in both the number and type of milestones from month to month are the result of Baseline Change Requests (BCRs) approved during the year.

TOTAL ALL HANFORD PROJECTS
MILESTONE ACHIEVEMENT

MILESTONE TYPE	FISCAL YEAR-TO-DATE				REMAINING SCHEDULED			TOTAL FY 2001
	Completed Early	Completed On Schedule	Completed Late	Overdue	Forecast Early	Forecast On Schedule	Forecast Late	
Enforceable Agreement	7	1	2	1	0	9	0	20
DOE-HQ	0	0	0	0	0	2	1	3
RL	4	3	3	1	9	41	1	62
Total Project	11	4	5	2	9	52	2	85

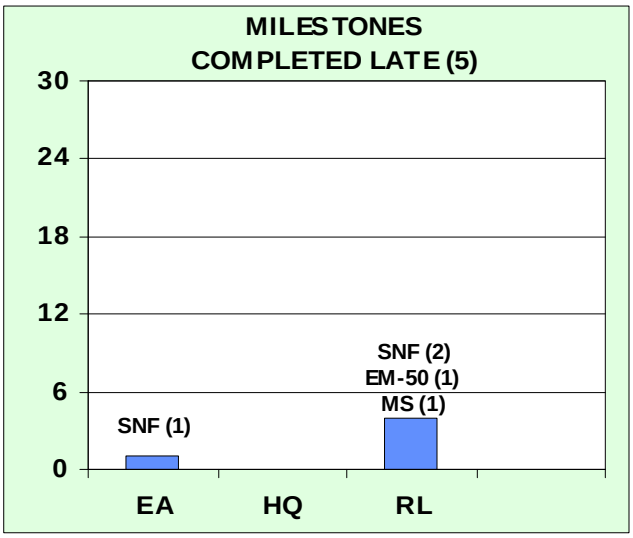


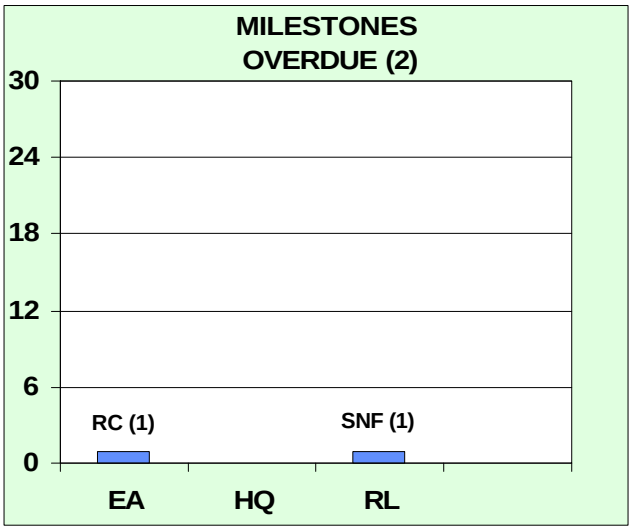




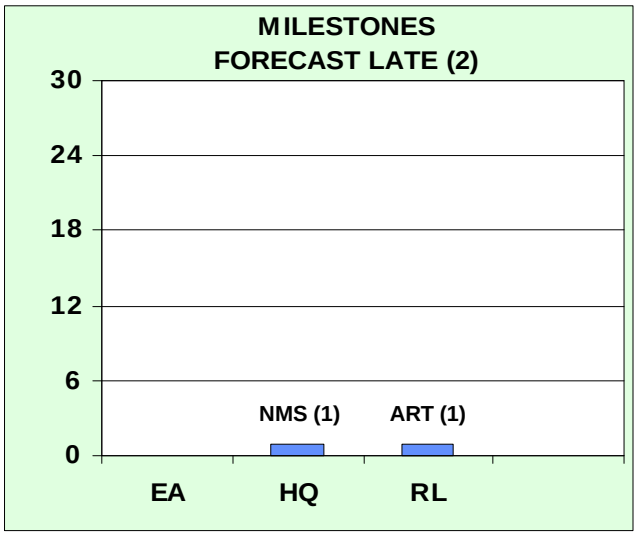
MILESTONE EXCEPTIONS

FISCAL YEAR TO DATE





REMAINING SCHEDULED



These charts provide detail by project and milestone level / type for milestones

- Completed Late
- Overdue
- Forecast Late
- Detailed information can be found in the individual project sections

SAFETY OVERVIEW

The focus of this section is to document trends in occurrences. Improvements in these rates are due to the efforts of the PHMC workforce as they implement the Integrated ES&H Management System (ISMS), work towards achieving Voluntary Protection Program (VPP) "star" status, and accomplish work through Enhanced Work Planning (EWP). Safety and health statistical data is presented in this section.

Significant Safety and Health Events

Lost or Restricted Workday Case Rate: This rate has had a new baseline average calculated as a result of the statistically significant decrease noted in past months. This decrease is a result of ongoing safety improvement efforts.

Occupational Safety & Health Administration (OSHA) Recordable Case Rate: The FH OSHA Recordable Case Rate is currently stable at 1.5 cases per 200,000 hours. All FH Team project OSHA Recordable Case Rates are within control limits. Working on ergonomic issues, lacerations and puncture wounds is the current focus for improved performance.

Lost Away Workday Case Rate: The FH Team has accumulated over 6.6 million safe work hours since the last lost away workday case on July 28, 2000. FH contractor DynCorp Tri-Cities Services, Inc. and the Waste Management Project each achieved 2 million safe work hours in February. The Fiscal Year (FY) 2001 Lost Away Workday Case Rate remains at zero.

U.S. Department of Energy (DOE) Safety Cost Index: There is ongoing improvement in this Performance Incentive (PI) in that the past seven months of data have been below the 5.2 baseline average, a statistically significant decrease.

The **Nuclear Material Stabilization (NMS) Project** has reached nearly 1.5 million safe work hours since the last lost away workday case. The NMS OSHA Recordable Case Rate is stable at the current, stable baseline average of 1.0 cases per 200,000 hours.

The **River Corridor Project (RCP)** exceeded 1.5 million safe work hours in February. The RCP OSHA Recordable Case Rate of 1.6 cases per 200,000 is high relative to the company goal of 0.9.

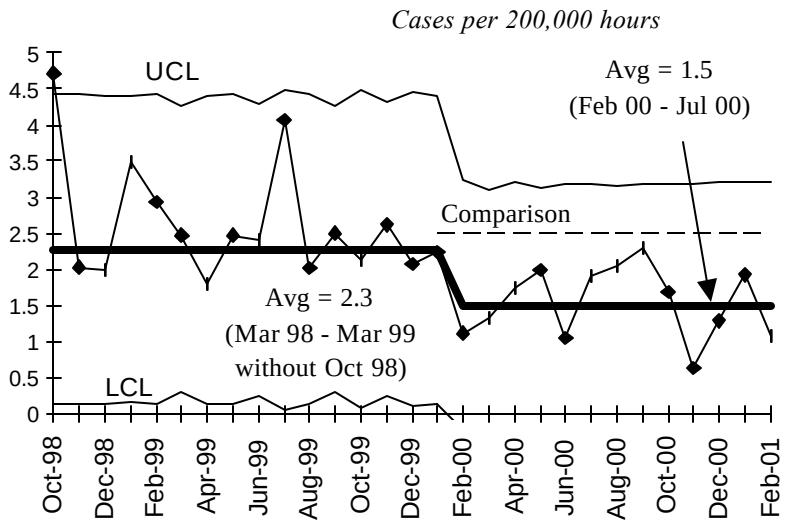
The **Spent Nuclear Fuels (SNF) Project** surpassed 2.5 million safe work hours during February. The SNF OSHA Recordable Case Rate for FY 2001 to date has been favorable and is close to the FH 0.9 goal. This is not, however, a long enough period of time to show a permanent improvement. A statistically significant improvement will be achieved if the next two months remain below average. The SNF Cost Index has been below average for more than seven months.

The **Waste Management Project (WMP)** achieved 2 million safe work hours during February. The Lost/Restricted Workday Case Rate and OSHA Recordable Case Rate have shown significant decreases over the past year. The OSHA Recordable Case Rate for FY 2001 to date is 2.0 cases per 200,000 work hours, double the Fluor corporate goal.

Due to space constraints, FY 1996 through FY 1998 data is not portrayed on the following graphs.

Total OSHA Recordable Case Rate

Green



FY 2000 = 1.9
FY 2001 to date = 1.3
Contractor Comparison Average = 2.5 (CY00)

Recent data have been stable within the new 1.5 baseline. The FH Team continues to look for opportunities for injury reduction in the areas of ergonomics and lacerations.

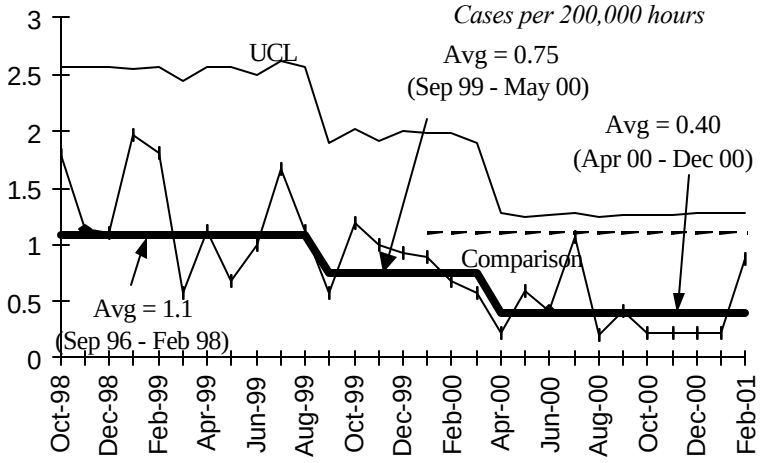
FH implemented a program to target an OSHA Recordable Case Rate of 0.9. The Fluor Global Services goal is 1.0. This is in line with Fluor's corporate value of safety and our commitment to the safe clean-up of the Hanford Site.

A team continues to work on Health Physics Technician ergonomics, focusing upon work practices and equipment. HPT's are the leading source of injuries, and these are primarily ergonomically related. Actions are being taken to address human factors issues with equipment and the aging workforce through the cooperation of the HPT's, their management, ES&H, and HEHF.

The Department of Energy complex-wide rates for DOE contractors are used as comparisons on these charts. These data are retrieved from the EH-33 reports at http://tis.eh.doe.gov/cairs/stats.html.

OSHA Lost/Restricted Workday Case Rate

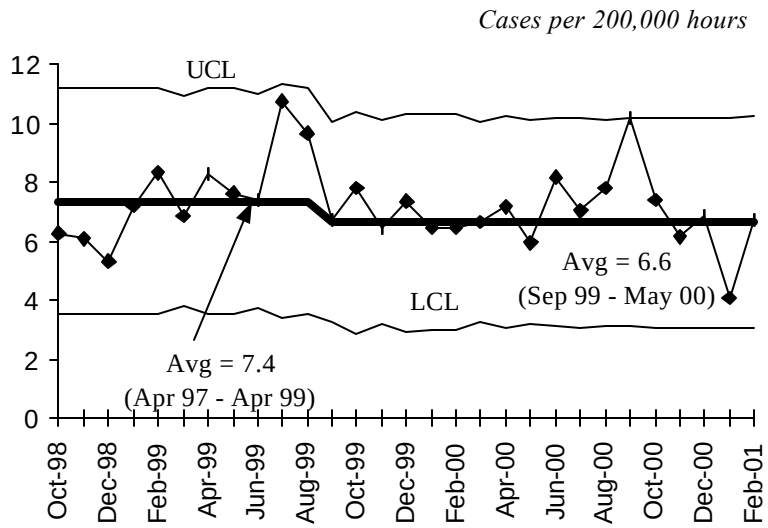
Green



FY 2000 = 0.67
FY 2001 to date = 0.34
Contractor Comparison Average = 1.1 (CY00)
This chart displays a significant decreasing trend, and a new average and control limits were calculated reflecting this trend.

First Aid Case Rate

Green



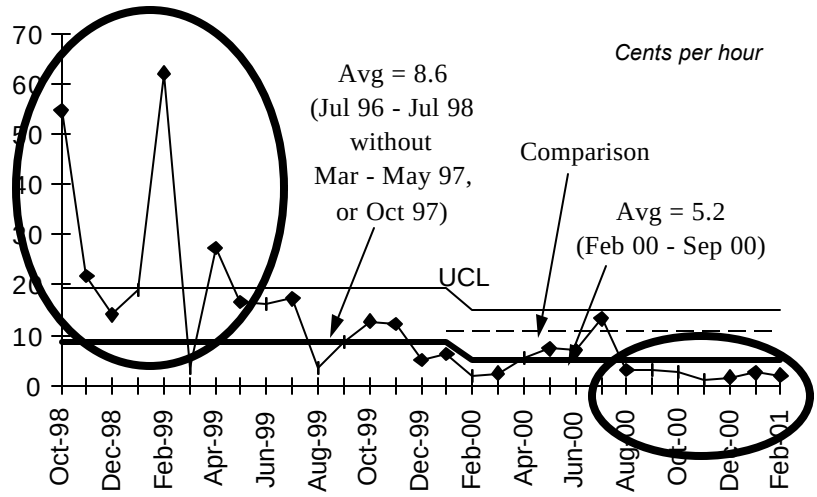
First Aid Rate undergoes seasonal cycles. Increases occur in warmer weather due to insect and animal encounters, and due to wind related minor injuries. First Aid case rate has remained relatively stable, a good indicator that injuries are not being under-reported.

Fiscal year calculations are not included as DOE does not publish a comparison rate, and comparisons of partial fiscal year data to prior years would not be appropriate due to the cyclical trend in the data.

Past activities to increase awareness of wind hazards and actions to control insects and animals appear to be having an effect.

DOE Safety Cost Index

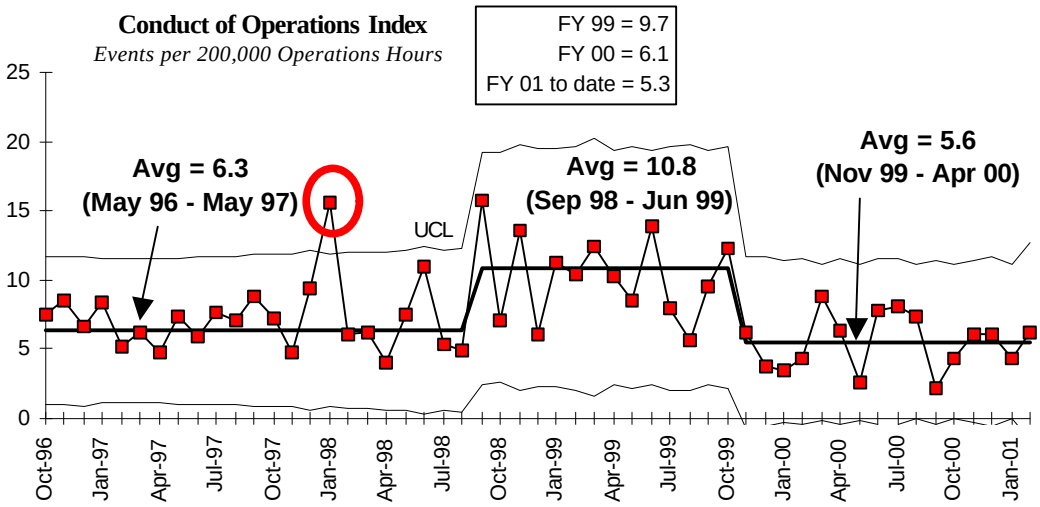
Green



FY 2000 = 6.6
FY 2001 to date = 2.0
Contractor Comparison Average = 10.8 (CY00)
The past seven months have been below average. This is a statistically significant decrease.

Past data continue to be corrected as further days accumulate on any work restrictions or lost days.

CONDUCT OF OPERATIONS / ISMS STATUS



Green

Green

ISMS STATUS

The WMP Facility Evaluation Board (FEB) assessment was performed and the draft final report issued. Appendix A of the report details the condition of the Project's integration of management systems, stating "WMP continues to adequately implement their ISMS as required by DOE policies and the related safety management DOE Acquisition Regulation (DEAR) clauses and as described in the FH ISMS Maintaining and Sustaining Plan." The draft report identifies a number of opportunities for improvement.

Radiological Control continues to identify areas where dose could be reduced at PFP. Lead shielding has been installed to reduce background doses in Thermal Stabilization. Safety-focused meetings continue with the emphasis remaining on team involvement. Safety articles submitted by plant personnel addressing Industrial Safety, Radiological Safety, and Conduct of Operations are shared at the beginning of each meeting.

The Voluntary Protection Program (VPP) self-assessment for the RCP was conducted March 19-22, 2001. This assessment will be used for planning continuous improvement activities for the next year, and will also serve as a training process for RCP managers and workforce in preparation of the formal DOE on-site review, which should occur later this year.

Removal of a seismic beam from the KE basin was a significant challenge that was accomplished successfully using Enhanced Work Planning and ISMS principles. A post-job critique and ALARA review are in progress.

BREAKTHROUGHS / OPPORTUNITIES FOR IMPROVEMENT

Breakthroughs

Technical Review of 327 Hot Cell Removal — Technology Management, supported by RCP, completed a review of the feasibility of intact removal of the hot cells from the 327 Facility. The review team found the concept of intact removal to be feasible and potentially had significant ALARA, cost and schedule benefits. The assessment report is now scheduled to be issued the first week of April 2001.

Remote Size Reduction System — FH was notified that the Remote Operations Size Reduction System (ROSRS), a remote glove box size reduction system designed and fabricated for use at Rocky Flats, would not be utilized. FH, in conjunction with RL, Rocky Flats, and EM-50, is leading an effort to evaluate the redeployment of the ROSRS at Hanford. On February 23, 2001, FH's Technology Management (TM) group held a meeting with representatives from RCP, the Plutonium Finishing Plant (PFP), Waste Management, RL and Bechtel Hanford, Inc. (BHI) to support continued evaluation of Hanford's interests in ROSRS. The recommendation is targeted to be completed by August 2001.

Value Engineering for Configuration Management — River Corridor Project sponsored a Configuration Management (CM) Value Engineering (VE) Study March 5 - 9, 2001. The team participating in the CM VE Study included personnel from RCP, the FH Project Operations Center, other FH Projects, RL, and BHI. The purpose of the VE Study was to seek out cost-effective CM methods that could be applied to facilities that are either transitioning to deactivation or are in a deactivation mode. Results of the study indicate there are opportunities to refine configuration management requirements for transitioning facilities that will result in cost savings. A smaller team began meeting the week of March 19, 2001, to further define CM methods and develop criteria to reduce configuration baseline.

Permit By Rule Treatment at 300 Area TEDF — FH is investigating the potential to treat limited categories of liquid non-radioactive hazardous wastes using the existing capabilities of the 300 Area TEDF, by applying a permit exclusion available within the waste regulations. Depending upon the outcome of ongoing regulatory analysis, treatment of hazardous wastes at TEDF could provide a low-cost option for disposal of some wastes currently sent off-site. A decision on whether to proceed based on the outcome of the regulatory analysis and customer surveys is scheduled for September 2001.

Alternate Fuel Transfer Strategy (AFTS) — The AFTS will move fuel from the KE Basin to the KW Basin for processing in lieu of processing fuel in the KE Basin as currently baselined. A Comprehensive Plan and Baseline Change Request (BCR) encompassing all MCO production rate improvements were submitted to RL in February 2001. Briefings to principle stakeholders are in progress as part of the BCR approval process. Briefings for DOE-HQ and Assistant Secretary for Environmental Management (EM-1) Carolyn Huntoon were conducted the week of March 12, 2001.

Opportunities for Improvement

Mixed Waste Focus Area — Waste Management continues to work with the Mixed Waste Focus Area (Robotics Product Line) on a technology development/demonstration activity at Hanford. The proposals for the Remote Sizing solicitation support T Plant deck clearing and waste processing activities under the M-91 Tri-Party Agreement milestones. Technical reviews of the proposals were completed in February. Bids will be awarded in April with implementation as early as May/June of 2001.

WESF Basis for Interim Operations (BIO) — The WESF rapid loss of pool cell water accident and associated controls are being evaluated in depth and will be documented in a revision to the WESF BIO. A reduction in the minimum staffing requirement is expected from this analysis and BIO revision. An Engineering Change Notice (ECN) has been submitted to RL for approval to change the required response time to a low water level condition from one hour to 48 hours.

PFP Residues Stabilization — A risk-based evaluation is being initiated on the use of the 85-gallon overpacks for shipment of the Pipe Overpack Containers (POC). The goal is to eliminate the requirement thus reducing the shipment preparation time, elimination of the hazard of lifting the POC's into and out of the overpacks and reducing dose by reducing shipment preparation time. This proposal is expected to significantly reduce Residue Stabilization life cycle cost.

PFP Exposure Reduction — An ALARA evaluation and cost benefit analysis for dose reduction alternatives for the stabilization of the polycube inventory was completed. A shielded can will be used for material transport from the vaults into the glove box system, and shielded tongs will be used for handling the polycubes once the cans are opened.
A request has been submitted to RL to conduct the RL Material Balance Area 280 domestic inventory in conjunction with the annual International Atomic Energy Agency (IAEA) inventory rather than at six-month intervals.

Solutions Stabilization - The Solutions Team continued its evaluation of alternate disposition methods for a portion of the Solutions inventory. Solutions management has identified, and requested RL concurrence for, disposition of low gram plutonium nitrate solutions. If approved, this modification will accelerate the solutions stabilization project and reduce processing, packaging, and storage costs.

Multi-Canister Overpack (MCO) Production Rate Improvements — The project effort to install additional fuel handling tables in KW is in progress. Installation of the tables is scheduled for the July maintenance outage.

New EM-50 Funds ($450K) for Robust Manipulator Arm — Via support from EM-50, RCP's 324 Building will acquire an ARTISAN manipulator arm to support hot cell deactivation. The ARTISAN arm will augment the existing fleet of master slave manipulators by offering longer reach, higher payload capacity (200 pounds vs. 30 pounds), greater dependability, and improved access to difficult areas. ALARA/ extremity-dose savings are expected due to an anticipated reduction in maintenance and repairs. Delivery of the ARTISAN arm to Hanford is expected by the end of FY 2001. Following site testing and operations training, the ARTISAN will be initially deployed in the Shielded Materials Facility hot cells located in the 324 Building.

ISSUES

Revision 7 of the Hanford RCRA Permit (aka Modification E) Application — Efforts continued to evaluate the permit and its impact on WRAP and CWC. Evaluation documents were shared with RL.

Ecology Inspection of Collodion Recovery Actions — A Notice of Correction was received which defined three violations and three concerns. Ecology has levied a fine of $57.8K. FH has initiated the Scope and Cost Management Process (SCMP) on the additional work scope imposed by the potential violations and concerns communicated by Ecology. Cost estimates have been developed by Analytical Services to implement Ecology's Corrective Measures. FH is working with RL on an appeal to the Notice of Correction.

EM MANAGEMENT COMMITMENT MILESTONES

EM Management Commitment Milestones are currently being negotiated and will be reported when approved.

CRITICAL FEW PERFORMANCE INCENTIVES

The following table portrays the incentives contained in the new contract extension. Reporting relating to the revised incentives can be located in the individual Project Sections.

PERFORMANCE MEASURE	Data Through February 2001
Spent Nuclear Fuel:	
Measure – Transfer K-Basin Facility to River Corridor Contractor Remove spent fuel by July 31, 2004	Green
300 Area Cleanup:	
Measure – Accelerate 300 Area cleanup	Green
Measure – Support River Corridor Project contract transition	Green
200 Area Facility Disposition:	
Measure – Disposition surplus buildings and rolling stock	Green
Waste Management:	
Measure – Treat and Dispose MLLW	Green
Measure – Certify TRU waste and ship to WIPP	Green
Measure – Complete physical activities necessary to store K-Basins sludge at T-Plant	Green
Measure – Complete contractor readiness assessment (T-Plant)	Green
Measure – Prepare T-Plant to support M-91 activities	Green
Plutonium Stabilization:	
Measure – Pu metal/oxides/other types dispositioned All Pu bearing materials stabilized by May 31, 2004	Green
Measure – PFP Deactivation	Green

Note: Above ratings reflect newly established multi-year contract commitments. Consequently, these ratings may differ from those found in the project sections, which reflect current year baseline performance. Yellows noted above are behind schedule but recoverable. Red is either missed or unrecoverable.

KEY INTEGRATION ACTIVITIES

The following are the key technical integration activities that are currently underway and cross project/contractor lines. These activities are being addressed by inter-discipline and inter-project groups and demonstrate that Hanford Site contractors are working together to accomplish the EM Clean up mission.

- Analytical Services is supporting CHG high-level waste tank vapor analysis and Waste Treatment Plant feed characterization.

- Room modifications are underway in the 2736-ZB facility to accommodate delivery and installation of a new neutron counter from the Los Alamos National Laboratory. This equipment will be tested in the May-June timeframe jointly with the International Atomic Energy Agency (IAEA) and is expected to improve Nondestructive Analysis efficiency, which will shorten the time for IAEA inventory verification requirements.

- The 324 B Cell Cybernetix Procurement Project Team and PNNL Robotics staff have begun interfacing on a regular basis regarding dealings with Cybernetix. Both FH and PNNL have contracts with Cybernetix. A PNNL staff member is now attending the B Cell conference calls with Cybernetix, and RCP's lessons-learned are being shared with PNNL. RCP's robotic system arrived at Hanford on March 15, 2001.

- The SNF Project, FFTF Project, and PFP Project interfaced to define a strategy for management of slightly irradiated fuel from FFTF.

- Bechtel Hanford, Inc. (BHI) provided funding to initiate activities for potential receipt of SNF discovered during upcoming 105F and 105H reactor basins deactivation at K Basins. The F/H Reactor fuel transfer plan was approved by the SNF Project.

- The Sludge Handling Project and T Plant Operations continued preparations for K Basin sludge storage at T Plant. Coordination with T Plant deck clean off, cell clean out, and facility upgrades to support the Shippingport Pressurized Water Reactor Core 2 SNF removal have key interfaces with Sludge Handling activities.

UPCOMING PLANNED KEY EVENTS

The following key events are extracted from the authorized baseline and are currently expected to be accomplished during the next several months. Most are Enforceable Agreement (EA), HQ or DNFSB Milestones.

Waste Management

- Commence TRU waste shipments to WIPP on March 29, 2001.
- Complete the Phase 1 assessment required to implement DNFSB Recommendation 2000-2 at the Waste Encapsulation and Storage Facility (WESF) in late April 2001.
- Prepare and issue the Land Disposal Restriction Report by June 30, 2001 (a two-month extension approved by Change Request) to meet TPA milestone M-26-01.
- Accelerate readiness at T Plant to receive and store Spent Nuclear Fuel K Basin Sludge -
    - Complete deck clearing in FY 2001.
    - Complete safety basis documentation and long lead procurements in FY 2001.
    - Install handling, drying and loading equipment in FY 2001.
    - Initiate contractor readiness activities.

Nuclear Materials Stabilization

- Complete repackaging of Pu metal inventory (inner cans) by March 31, 2001, and outer cans by August 31, 2001.
- Complete modifications to one vault cubicle by April 2, 2001.
- Complete repackaging and shipping of Rocky Flats Ash to the Central Waste Complex (CWC) by April 30, 2001.
- Complete stabilization of plutonium alloys by June 30, 2001.

River Corridor Project

- Begin 224-T facility initial entry and characterization by mid-April 2001.
- Disposition approximately 140 metric tons of surface contaminated uranium fuel by June 30, 2001. Additionally, disposition thorium materials located in the 303-K Facility by September 30, 2001.
- Complete moving B Cell low-level waste and transuranic debris away from the 300 Area by July 31, 2001.
- Implement technical update of 327 Authorization Basis (Basis of Interim Operation) by the end of FY 2001.
- Demolish 3902A, 3902B, and 303-K Buildings in the 300 Area by September 30, 2001.

Spent Nuclear Fuels

- Complete KE Basin Integrated Water Treatment System/Sludge loadout system definitive design in April 2001.
- Conduct first maintenance outage of the fuel processing system the first week of April.
- Submit Annual Debris Report to Washington State Department of Ecology/Environmental Protection Agency (EPA) in May 2001.
- Initiate KW Basin spent nuclear fuel canister cleaning operations in August 2001.
- Continue receipt of MCO shipments through FY 2001.
- Receive the first Shippingport Spent Fuel Canister in November 2001.

Landlord

- Complete installation and testing of a chlorine containment system for Project L-303, "200 West Area Chlorine Mitigation" in April 2001.
- Complete Construction for Project L-270, "Emergency Services Renovation," in April 2001.
- Complete Definitive Design for Project L-339, "PFP Water System Isolation – Install Sanitary Water to WRAP," in April 2001.
- Issue Notice of Award for Fixed Price Construction for Project L-298, "Road Resurfacing," in April 2001.